



SPECIFICATION



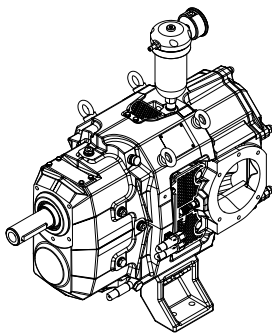
FLEXIBLE PUMP TECHNOLOGY FOR ALL REQUIREMENTS

Vogelsang rotary lobe pumps
and their application areas

VOGELSANG – LEADING IN TECHNOLOGY

EP series

Rotary lobe pump for extreme conditions with high pressures

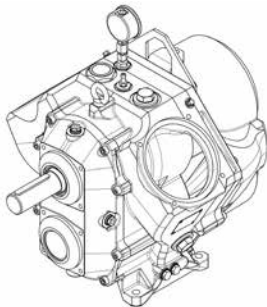


Type	Max. pressure	Max. flow rate*	Max. speed	Max. temperature	Max. free passage
	bar	m³/h	min ⁻¹	°C	mm
EP 136 - 70	18	60	800	200	40
EP 136 - 105	13	90	800	200	40
EP 136 - 140	10	120	800	200	40

* Maximum theoretical capacity. In practice, the capacity is normally lower, depending on pressure difference, medium viscosity and pump installation.
We would be happy to configure the best rotary lobe pump for your application with the help of our computer-assisted sizing software.

IQ series

Greater cost-effectiveness thanks to reduced maintenance and service

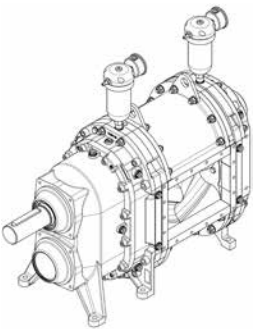


Type	Stroke volume	Max. capacity*		Max. pressure	Max. speed	Max. shaft deflection
	l/rev.	m³/h	l/min	bar	min ⁻¹	mm/bar
IQ112 series						
81	1.02	55	918	7	900	0.04
114	1.44	78	1,296	5	900	0.08
IQ152 series						
112	2.61	110	1,827	7	700	0.03
158	3.67	154	2,569	5	700	0.08

* Maximum theoretical capacity. In practice, the capacity is normally lower, depending on pressure difference, medium viscosity and pump installation.
We would be happy to configure the best rotary lobe pump for your application with the help of our computer-assisted sizing software.

VX series

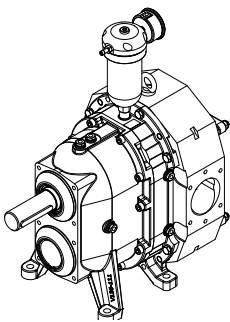
Vogelsang VX series rotary lobe pumps –
proven reliable in the widest variety of pumping tasks



Type	Stroke volume	Max. capacity*		Max. pressure		Max. speed	Max. shaft deflection	
	l/rev.	m³/h	l/min	Q bar	QD bar	min⁻¹	Q mm/bar	QD mm/bar
VX100 series								
45	0.29	17	290	10		1,000	0.01	
64	0.42	25	420	9		1,000	0.02	
90	0.59	35	590	7		1,000	0.04	
128	0.84	50	840	4		1,000	0.08	
VX136 series								
70	1.27	61	1,016	10		800	0.01	0.002
105	1.90	91	1,520	10	12	800	0.03	0.004
140	2.53	121	2,024	8	12	800	0.05	0.007
210	3.80	182	3,040	5	10	800	0.16	0.016
280	5.06	243	4,048		8	800		0.031
420	7.59	364	6,072		6	800		0.090
VX186 series								
92	3.56	128	2,136	10		600	0.01	
130	5.03	181	3,018	10	12	600	0.02	0.003
184	7.12	256	4,272	8	12	600	0.05	0.008
260	10.06	362	6,036	5	10	600	0.12	0.012
368	14.24	513	8,544	2 (3**)	8	600	0.33	0.028
390	15.09	543	9,054	2 (3**)	7	600	0.40	0.028
520	20.12	724	12,072		6	600		0.069
736	28.48	1,025	17,088		3	600		0.191
VX215 series								
226	15.47	501	8,354	5	8	540	0.10	0.010
320	21.88	708	11,815	2.5	7	540	0.29	0.026
452	30.94	1,002	16,708		5	540		0.063
640	43.76	1,417	23,630		3	540		0.167
VX230 series								
226	13.45	436	7,263	8	12	540	0.05	0.006
320	19.04	617	10,282	5	10	540	0.13	0.012
452	26.90	872	14,526		8	540		0.029
640	38.08	1,234	20,563		6	540		0.073

* Maximum theoretical capacity. In practice, the capacity is normally lower, depending on pressure difference, medium viscosity and pump installation.
We would be happy to configure the best rotary lobe pump for your application with the help of our computer-assisted sizing software.

** Not in continuous operation.



VY series

Versatile and powerful

Type	Max. pressure	Max. flow rate*	Max. speed	Max. temperature
	bar	m ³ /h	min ⁻¹	°C
VY100 - 45Q	10	18	1,000	200
VY100 - 64Q	9	25	1,000	200
VY100 - 90Q	7	35	1,000	200
VY100 - 128Q	4	50	1,000	200
VY136 - 70Q	10	60	800	200
VY136 - 105Q	10	90	800	200
VY136 - 140Q	8	120	800	200

* Maximum theoretical capacity. In practice, the capacity is normally lower, depending on pressure difference, medium viscosity and pump installation.
We would be happy to configure the best rotary lobe pump for your application with the help of our computer-assisted sizing software.

Copyright 2025 Vogelsang GmbH & Co. KG
Product availability, appearance, technical specifications and details are subject to continuous development. All information presented here is therefore subject to change. In selected countries, Vogelsang®, BioCut®, BlackBird®, CC-Serie®, EnergyJet®, HiCone®, PreMix®, RotaCut®, XRipper®, XSplit® and XTill® are registered trademarks of Vogelsang GmbH & Co. KG, Essen (Oldenburg), Germany. All rights reserved, including the rights to all graphics and images.
Flexible pump technology_TD_EN_05207725_MET0000334 – Printed in Germany

Vogelsang GmbH & Co. KG
Holthöge 10 – 14 | 49632 Essen (Oldenburg) | Germany
Phone: +49 5434 83 - 0 | Fax: +49 5434 83 -10
germany@vogelsang.info

vogelsang.info

